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UUU	UUU	EEEEEEEEEEEEE		PPPPPPPPPPPP	SSSSSSSSSSS	YYY	YYY
UUU	UUU	EEEEEEEEEEEE	111111111111111111111111111111111111111	PPTPPPPPPPPP	SSSSSSSSSSSS	YYY	YYY
UUU	UUU	EEE	111	PPP PPP	SSS	YYY	YYY
UUU	UUU	EEE	III	PPP PPP	SSS	YYY	YYY
UUU	UUU	EEE	111	PPP PPP	SSS	YYY	YYY
UUU	UUU	EEE	TTT	PPP PPP	SSS	YYY	YYY
UUU	UUU	EEE	TTT	PPP PPP	SSS	YYY	YYY
UUU	UUU	EEE	TTT	PPP PPP	SSS	YYY	YYY
UUU	UUU	EEEEEEEEEE	TTT	PPPPPPPPPPP	SSSSSSSS	YYY	
UUU	UUU	EEEEEEEEEE	111	PPPPPPPPPPP	SSSSSSSS	YYY	
UUU	UUU	EEEEEEEEEE	İİİ	PPPPPPPPPPP	SSSSSSSS	YYY	
UUU	UUU	EEE	İİİ	PPP	SSS	YYY	1
UUU	ŬŬŬ	ĒĒĒ	İİİ	PPP	SSS	YYY	
ŬŬŬ	UUU	ÈÈÈ	iii	PPP	SSS	YYY	
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UUU	UUU	ĒĒĒ	iii	PPP	\$\$\$	YYY	
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UUUUUUUUU			îii	PPP	22222222222	YYY	
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UUUUUUUUU	UUUUUU	EEEEEEEEEEEE	TTT	PPP	SSSSSSSSSS	YYY	

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		\$					

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SATSSS82 Table of conte	SATS SYSTEM SERVICE TESTS \$SETPRT (SU	UCC 16-SEP-1984 01:05:39 VAX/VMS Macro V04-00
(1) (2) (3) (3) (4) (5) (5)	DECLARATIONS CONDITION TABLES TM_SETUP, TM_CLEANUP CONDITION SUBROUTINES - SETUP AND CLEANUP FORM_CONDS VERIFY VFY_CLEANUP	

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SATSSS82 SATS SYSTEM SERVICE TESTS \$SETPRT (SUCC S.C.) .TITLE

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: FACILITY: SYSTST (SATS SYSTEM SERVICE TESTS)

ABSTRACT:

1112345678901234567890123

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THIS MODULE CONTAINS SUBROUTINES WHICH, WHEN LINKED WITH SUCCOMMON.OBJ, FORM TEST MODULE SATSSS82 TO TEST SUCCESSFUL OPERATION OF THE \$SETPRT SYSTEM SERVICE. THE SERVICE IS INVOKED UNDER VARIOUS INPUT CONDITIONS WITH VARYING INPUT PARAMETERS. ONLY SUCCESSFUL STATUS CODES ARE EXPECTED IN THIS TEST MODULE. CORRECT OPERATION OF THE SERVICE FOR EACH OF ITS ISSUANCES IS VERIFIED BY CHECKING FOR AN SS\$ NORMAL STATUS CODE, EXPECTED RETURN ARGUMENTS AND EXPECTED FUNCTIONALITY PERFORMED.

ENVIRONMENT: USER MODE IMAGE; NEEDS CMKRNL PRIVILEGE, DYNAMICALLY ACQUIRES OTHER PRIVILEGES, AS NEEDED.

AUTHOR: THOMAS L. CAFARELLA,

CREATION DATE: JUL, 1977

MODIFIED BY:

V03-001 KDM0002 28-Jun-1982 Kathleen D. Morse Added \$PRTDEF and \$SSDEF.

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4444555554

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SATS SYSTEM SERVICE TESTS $SETPRT (SUCC 16-SEP-1984 01:05:39 VAX/VMS Macro V04-00 DECLARATIONS 5-SEP-1984 04:33:54 EUETPSY.SRCJSATSSS82.MAR;1
                                                                                                                                                                                (1)
                                            .SBTTL DECLARATIONS
                       5555666666666677777
                             INCLUDE FILES:
                                                                                                     PRIVILEGE BIT DEFINITIONS
PROCESS HEADER OFFSETS
PROCESSOR STATUS LONGWORD DEFINITIONS
PROTECTION FIELD DEFINITIONS
SYSTEM STATUS CODE DEFINITIONS
                                           SPRVDEF
SPHDDEF
                                            SPSLDEF
                                           SPRTDEF
SSSDEF
                             MACROS:
                                EQUATED SYMBOLS:
```

OWN STORAGE:

SATS SYSTEM SERVICE TESTS \$SETPRT (SUCC 16-SEP-1984 01:05:39 VAX/VMS Macro V04-00 Page 4 DECLARATIONS 5-SEP-1984 04:33:54 [UETPSY.SRC]SATSSS82.MAR;1 (1)

00000000 87 PSECT RWDATA.RD.WRT.NOEXE.LONG
00000008 0000 88 PRIVMASK: BLKQ 1 ADDR OF PRIVILEGE MASK (IN PHD)
0000000C 0008 89 PROT: BLKL 1 PROT ARGUMENT FOR SETPRT
00000014 000C 90 RETADR: BLKQ 1 RETADR ARGUMENT FOR SETPRT
0000001C 0014 91 INADR: BLKQ 1 INADR ARGUMENT FOR SETPRT
0000001D 001C 92 PRVPRT: BLKB 1 PRVPRT ARGUMENT FOR SETPRT
00000025 001D 93 INADR2: BLKQ 1 INADR ARGUMENT FOR NON-SUBJECT SETPRT

SATSSS82 V04-000

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SATS SYSTEM SERVICE TESTS $SETPRT (SUCC 16-SEP-1984 01:05:39 CONDITION TABLES 5-SEP-1984 04:33:54
                                                                                                                                 VAX/VMS Macro V04-00
[UETPSY.SRC]SATSSS82.MAR; 1
                                                                                                                                                                                     Page
                                    95
97
98
99
100
101
103
106
107
108
110
                                                           .SBTTL CONDITION TABLES
                                                           **** CONDITION TABLES FOR SETPRT SYSTEM SERVICE ****
                                                                         1,NOTARG,<REGION>,-

<PROGRAM>,-

<CONTROL>,-
                                                           COND
     00000000
                                                                                 . LONG
                                                                                                                        PROGRAM
                                                                                 .LONG
                                                                                                                     : CONTROL
                                                           COND
                                                                         2,LONG, <ACMODE>,-
                                                                             <KERNEL>,-
                                                                             <EXEC>,-
                                                                             «SUPER»,-
                                                                             <USER>,-
                                    111
                                    112
113
114
115
116
117
     00000000
00000001
00000002
00000003
                                                                                                      PSL$C_KERNEL
PSL$C_EXEC
PSL$C_SUPER
PSL$C_USER
                                                                                .LONG
                                                                                 .LONG
                                                                                 .LONG
                                                                                 .LONG
                                                           COND
                                                                         3, NOTARG, <HIGH-ORDER 2 BITS OF PROT CODE>,-
                                    118
                                                                             <NA, RÉSERVED, KW, OR KR>,-

<UW, EW, ERKW, OR ER>,-

<SW, SRÉW, SRKW, OR SR>,-

<URSW, UREW, URKW, OR UR>,-
                                    120
122
122
123
124
125
127
128
133
133
133
133
133
135
03 02 01 00
                        0116
                                                                                 .BYTE
                                                                                                      0,1,2,3
                        011A
                                                                         4, NOTARG, <LOW-ORDER 2 BITS OF PROT CODE>,-
<NA, UW, SW, OR URSW>,-
<RESERVED, EW, SREW, OR UREW>,-
<KW, ERKW, SRKW, OR URKW>,-
<KR, ER, SR, OR UR>,-
                       011A
                                                          COND
                       011A
                       011A
                       011A
                       011A
                       011A
01A3
01A7
01A7
03 02 01 00
                                                                                .BYTE
                                                                                                      0,1,2,3
                                                          COND
                                                                         5, NULL
```

.PSECT SATSSS82,RD,WRT,EXE

00000000

(1)

```
178
179
180
181
183
184
185
186
187
                                                             D444440E0
                                                                                                                                                                                            .... TABLE
                                                                                                                                                                                             ..... INDEX
                                                                                                                                                                                                               REGISTERS
                                                                                                                                  MOD_MSG_PRINT ; PRINT TEST MODULE BEGIN MSG
TEST_MOD_SUCC_TMD_ADDR ; ASSUME END MSG WILL SHOW SUCCESS
#SUCCESS.#0,#3,MOD_MSG_CODE ; ADJUST STATUS CODE FOR SUCCESS
                                                                                                                 BSBW
00000000°EF
                                                                                                                 MOVAL
                                                                                                                 INSV
                                                                                                                                  TO,5$,KRNL ; KERNEL MODE TO ACCESS PHD GET PROCESS HEADER ADDRESS PHD GET PROCESS HEADER ADDRESS FROM,5$; BACK TO USER MODE GET ALL PRIVILEGES
                                                                                       188
189
190
191
192
                                                                                                                 MODE
                    59 00000000'9F
00000000'EF 69
                                                              DO
                                                                                                                 MOVL
                                                                                                                 MOVAL
                                                                                                                 MODE
                                                                                                                 PRIV
```

SATSSS82 V04-000	SATS SYSTEM SERVICE TESTS \$SETPRT (SUCC 16-SEP-1984 01:05:39 VAX/VMS Macro V04-00 Page 7 TM_SETUP, TM_CLEANUP 5-SEP-1984 04:33:54 [UETPSY.SRC]SATSSS82.MAR;1 (1)	
	0077 193 \$SETPRN_S TEST_MOD_NAME_D SETPRN_S TEST_MOD_NAME_D CHECK STATUS CODE RETURNED FROM SETPRN RSB RSB RSB MOD_MSG_PRINT PRINT TEST MODULE END MSG RETURNED FROM SETPRN PRINT TEST MODULE END MSG RSB RSB RSB RSB RSB RETURN TO MAIN ROUTINE	-
	FF4E' 30 OOAF 196 TM_CLEANUP:: BSBW MOD_MSG_PRINT : PRINT TEST MODULE END MSG OS OOB2 198 RSB : RETURN TO MAIN ROUTINE	-

```
B 10
SATS SYSTEM SERVICE TESTS $SETPRT (SUCC 16-SEP-1984 01:05:39 VAX/VMS Macro V04-00 CONDITION SUBROUTINES - SETUP AND CLEANU 5-SEP-1984 04:33:54 [UETPSY.SRC]SATSSS82.MAR;1
                                                    .SBTTL CONDITION SUBROUTINES - SETUP AND CLEANUP
                                  : FUNCTIONAL DESCRIPTION:
                                     CONDX AND CONDX CLEANUP ARE SUBROUTINES WHICH ARE EXECUTED BEFORE AND AFTER THE VERIFY SUBROUTINE, RESPECTIVELY, WHENEVER A NEW CONDITION X VALUE IS SELECTED (SEE FUNCTIONAL DESCRIPTION OF SUCCOMMON ROUTINE IN SUCCOMMON.MAR). ANY SETUP FUNCTION PARTICULAR TO THE CONDITION X TABLE IS INCLUDED IN THE CONDX SUBROUTINE AND CLEANED UP, IF NECESSARY, IN THE CONDX CLEANUP SUBROUTINE. THIS INCLUDES, ESPECIALLY, CODE TO DETECT CONFLICTS AMONG CURRENT ENTRIES IN TWO OR MORE CONDITION TABLES. IF A CONFLICT IS DETECTED, A NON-ZERO VALUE IS STORED INTO CONFLICT, WHICH CAUSES THE CALLING ROUTINE (SUCCOMMON) TO SKIP THE CURRENT ENTRY IN THE CONDITION X TABLE.
                                       CALLING SEQUENCE:
                                                   BSBW CONDX BSBW CONDX_CLEANUP WHERE X = 1,2,3,4,5
                                  : INPUT PARAMETERS:
                                                    CONFLICT = 0
                                      IMPLICIT INPUTS:
                                                    R2,3,4,5,6 CONTAIN CURRENT CONDITION TABLE INDEX VALUES
                                                       FOR COND TABLES 1,2,3,4,5, RESPECTIVELY.
                                      OUTPUT PARAMETERS:
                                                   CONFLICT SET TO NON-ZERO IF COND TABLE CONFLICT DETECTED.
                                      IMPLICIT OUTPUTS:
                                                   R2,3,4,5,6 PRESERVED
                                      COMPLETION CODES:
                                                    NONE
                                      SIDE EFFECTS:
                                                    NONE
```

05 0083 250 0084 251 05 0084 252 05 0085 253 05 0085 254

00B6

05

COND1::

RSB
COND1_CLEANUP::
RSB
COND2::

COND2_CLEANUP::

; RETURN TO MAIN ROUTINE

; RETURN TO MAIN ROUTINE

; RETURN TO MAIN ROUTINE

: RETURN TO MAIN ROUTINE

Page

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SATS SYSTEM SERVICE TESTS $SETPRT (SUCC 16-SEP-1984 01:05:39 VAX/VMS Macro V04-00 FORM_CONDS 5-SEP-1984 04:33:54 [UETPSY.SRC]SATSS82.MAR;1
SATSSS82
V04-000
                                                                                                                                                                                                         10
                                                          00DB
00DB
00DB
                                                                                        .SBTTL FORM_CONDS
                                                                             FUNCTIONAL DESCRIPTION:
                                                          OODB
                                                                                                    FORM_CONDS FORMATS AND PRINTS INFORMATION ABOUT
                                                                               THE CURRENT ELEMENT IN EACH OF THE CONDITION TABLES.
                                                                              CALLING SEQUENCE:
                                                                                       BSBW FORM_CONDS
                                                                              INPUT PARAMETERS:
                                                                                       NONE
                                                                              IMPLICIT INPUTS:
                                                                                       R2,3,4,5,6 CONTAIN CURRENT CONDITION TABLE INDEX VALUES
FOR COND TABLES 1,2,3,4,5, RESPECTIVELY.

FOR X = 1,2,3,4,5:

CONDX_T - TITLE TEXT FOR CONDX TABLE

CONDX_TAB - ELEMENT TEXT FOR CONDX TABLE

CONDX_C - CONTEXT OF THE CONDX TABLE

CONDX_E - DATA ELEMENTS OF THE CONDX TABLE
                                                          OODB
                                                          00DB
                                                                     302
303
                                                          00DB
                                                                              OUTPUT PARAMETERS:
                                                          00DB
                                                          00DB
                                                                                       NONE
                                                                     305
306
307
308
                                                                             IMPLICIT OUTPUTS:
                                                                                       NONE
                                                          00DB
                                                                              COMPLETION CODES:
                                                          00DB
                                                                                       NONE
                                                                              SIDE EFFECTS:
                                                                                       NONE
                                                                          FORM_CONDS::
                                                          00DB
00DB
00FA
00FD
0100
0105
0110
011C
0123
                                                                     MSG1_INP_CTL, FAO_LEN, FAO_DESC, TESTNUM
                                                                                       SFAO_S
                                                                                                                                            FORMAT CONDITIONS HEADER MSG
                                        FF03'
                                                   30
91
12
31
                                                                                                    OUTPUT_MSG
#COND1_C,#NULL
                                                                                        BSBW
                                                                                                                                               .. AND PRINT IT
                                                                                        CMPB
                                                                                                                                             IS CONDITION 1 NULL ?
                                                                                        BNEQU
                                                                                                    10$
                                                                                                                                            NO -- CONTINUE
```

FORM_CONDSX

BRW

105:

YES -- SUBROUTINE IS FINISHED

MOVAL COND1_T,MSG_A ; SAVE ADDRESS OF CONDITION 1 TITLE FOR MOVL COND1_TAB[RZ],MSG_B ; SAVE ADDR OF COND 1 CURR TEXT ELT FOR MOVB #CONDT_C,MSG_CTXT ; SAVE CONDITION 1 CONTEXT FOR FAO MOV_VAL COND1_C,CONDT_E[RZ],MSG_DATA1 ; GIVE COND 1 DATA VALUE TO FAO

SAVE ADDRESS OF CONDITION 1 TITLE FOR FAO SAVE ADDR OF COND 1 CURR TEXT ELT FOR FAO SAVE CONDITION 1 CONTEXT FOR FAO

00CB

DE 00 90

EF 00000025'EF 00000000'EF 00

00000000'EF

SATS SYSTEM SERVICE TESTS \$SETPRT (SUCC 16-SEP-1984 01:05:39 VAX/VMS Macro V04-00 5-SEP-1984 04:33:54 [UETPSY.SRC]SATSSS82.MAR;1 12 (1) Page

.SBTTL VERIFY

FUNCTIONAL DESCRIPTION:

VERIFY IS CALLED ONCE FOR EACH COMBINATION OF CONDITION TABLE VALUES (AS DETERMINED BY THE INDEX REGISTERS R2,3,4,5,6 FOR COND TABLES 1,2,3,4,5, RESPECTIVELY). VERIFY ESTABLISHES THE CONDITIONS SPECIFIED BY THE COND TABLES AND ISSUES THE SUBJECT SYSTEM SERVICE (\$SETPRT). THEN, THE SUCCESSFUL OPERATION OF THE SERVICE IS VERIFIED BY EXAMINING THE STATUS CODE RETURNED, THE VALUES FOR RETURN ARGUMENTS AND THE FUNCTIONALITY PERFORMED. THE EXAMINATIONS TAKE THE FORM OF COMPARISONS AGAINST EXPECTED VALUES. ANY FAILING COMPARISON CAUSES AN ERR EXIT MACRO TO BE EXECUTED (EITHER DIRECTLY, OR INDIRECTLY, THROUGH THE SS CHECK MACRO); ERR EXIT SETS EFLAG TO NON-ZERO, PRINTS ERROR MESSAGES AND CAUSES AN IMMEDIATE RSB TO CALLER. WHEN ERR EXIT IS EXECUTED, FURTHER CALLS TO VERIFY ARE SUPPRESSED, AND, AFTER EXECUTING CLEANUP SUBROUTINES, THE IMAGE EXITS.

CALLING SEQUENCE:

BSBW VERIFY

INPUT PARAMETERS:

NONE

IMPLICIT INPUTS:

R2,3,4,5,6 CONTAIN CURRENT CONDITION TABLE INDEX VALUES
FOR COND TABLES 1,2,3,4,5, RESPECTIVELY.

FOR X = 1,2,3,4,5:

CONDX E - ADDRESS OF TABLE OF DATA VALUES FOR CONDX
TABLE. IF THE CONTEXT OF TABLE X IS A SYSTEM SERVICE
ARGUMENT, THE ARGUMENT NAME MAY BE USED AS A SYNONYM FOR CONDX E.

OUTPUT PARAMETERS:

NONE

IMPLICIT OUTPUTS:

VERIFY HAS NO OUTPUT. SINCE ITS PURPOSE IS TO TEST FOR ERRORS. IT MERELY RETURNS TO CALLER NORMALLY AFTER THE TESTS, PROVIDING ALL WERE SUCCESSFUL; IF AN ERROR IS DISCOVERED, RETURN IS VIA AN ERR_EXIT OR SS_CHECK MACRO, BOTH OF WHICH DOCUMENT DETECTED ERRORS.

COMPLETION CODES:

EFLAG SET TO NON-ZERO IF ERROR ENCOUNTERED.

SIDE EFFECTS:

SS_CHECK AND ERR_EXIT MACROS CAUSE PREMATURE EXIT (VIA RSB) IF ERROR ENCOUNTERED.

01D1 01D1 01D1 01D1 01D1 01D1 01D1 01D1 01D1 01D1 01D1 398 399 01D1 01D1 400 01D1 401 01D1 0101 01D1 01D1 01D1 406 407 408 01D1 0101 01D1 409 01D1 410 411 412 413 0101 01D1 01D1 01D1 01D1 01D1 01D1 01D1 01D1 01D1 01D1 01D1 01D1 01D1 0101 01D1 01D1

0101 0101

0101

01D1 01D1 01D1 01D1 01D1 01D1

SATSSS82 VERIFY

O467 484 SETPRT SINADR2, RETADR, ACMODE[R3], PROT, PRVPRT BACK TO USER MODE CMPB PRVPRT, PROT DID SETPRT RETURN SAME PROT VALUE?

O00000001C'EF O0000001C'EF O0000001C'EF O0000000'EF O0000000'EF O0000001C'EF O0000001C'EF O0000000'EF O00000001C'EF O0000001C'EF O00000001C'EF O00000001C'EF O00000001C'EF O00000001C'EF O00000001C'EF O000000000000'EF O0000000000'EF O0000000000'EF O000000000'EF 000000000'EF O00000000'EF O0000000'EF 00000'EF O000000'EF O000000'EF O000000'EF O00000'EF O00000'EF O00000'EF O00000'EF O00000'EF O00000'EF O00000'EF O00000'EF O0000'EF O00000'EF O0000'EF O00000'EF O0000'EF

SATS SYSTEM SERVICE TESTS \$SETPRT (SUCC 16-SEP-1984 01:05:39 VAX/VMS Macro V04-00 VFY_CLEANUP 5-SEP-1984 04:33:54 [UETPSY.SRC]SATSSS82.MAR;1 15

.SBTTL VFY_CLEANUP

FUNCTIONAL DESCRIPTION:

VFY CLEANUP EXECUTES SYSTEM SERVICES TO UNDO THE EFFECT OF THOSE ISSUED IN THE VERIFY SUBROUTINE. VFY CLEANUP MUST ASSUME THAT VERIFY MAY NOT HAVE EXECUTED IN ITS ENTIRETY (IF AN ERROR IS FOUND). ALSO, VFY CLEANUP MAY ISSUE SS CHECK OR ERREXIT ONLY AFTER PERFORMING ALL OF ITS CLEANUP OPERATIONS; THIS IS REQUIRED IN THE EVENT THAT VFY CLEANUP IS CALLED DURING ERROR PROCESSING, WHEN PERFORMING THE REQUIRED CLEANUP IS MORE IMPORTANT THAN POSSIBLY DISCOVERING A SECOND ERROR.

CALLING SEQUENCE:

BSBW VFY_CLEANUP

INPUT PARAMETERS:

NONE

IMPLICIT INPUTS:

R2,3,4,5,6 CONTAIN CURRENT CONDITION TABLE INDEX VALUES
FOR COND TABLES 1,2,3,4,5, RESPECTIVELY.

FOR X = 1,2,3,4,5:

CONDX E - ADDRESS OF TABLE OF DATA VALUES FOR CONDX
TABLE. IF THE CONTEXT OF TABLE X IS A SYSTEM SERVICE
ARGUMENT, THE ARGUMENT NAME MAY BE USED AS A SYNONYM FOR CONDX_E.

OUTPUT PARAMETERS:

NONE

IMPLICIT OUTPUTS:

NONE

COMPLETION CODES:

EFLAG SET TO NON-ZERO IF ERROR ENCOUNTERED.

SIDE EFFECTS:

SS_CHECK AND ERR_EXIT MACROS CAUSE PREMATURE EXIT (VIA RSB) IF ERROR ENCOUNTERED.

00000014 'EF 0064

VFY_CLEANUP:: TSTL

BNEQ

BRW

INADR

VFY_CLEANUPX

: DID EXPREG GET ISSUED SUCCESSFULLY ? : YES -- CONTINUE : NO -- JUST EXIT

SATS SYSTEM SERVICE TESTS \$SETPRT (SUCC 16-SEP-1984 01:05:39 VAX/VMS Macro V04-00 Page 16 VFY_CLEANUP S-SEP-1984 04:33:54 [UETPSY.SRC]SATSSS82.MAR;1 (1)

052D 552 MODE TO,20\$,KRNL SDELTVA_S INADR, ACMODE[R3] GET RID OF EXPANDED REGION GOODS

SATSSS82 Symbol table	SATS SYSTEM SERVICE TESTS \$SETPRT (SUCC 16-SEP-1984 01:05:39 VAX/VMS Macro V04-00 Part	Page	17 (1)
\$\$\$\$CHARS \$\$\$CHARS1 \$\$\$CHARS2 \$\$\$CHARS3 \$\$\$CHARS4 \$\$\$CHARS5 \$\$\$CHARS5 \$\$\$CHARS5 \$\$\$CHARS5 \$\$\$SCHARS6 \$\$\$\$SSCHARS6 \$\$\$\$\$CHARS6 \$\$\$\$\$CHARS6 \$\$\$\$\$CHARS6 \$\$\$\$\$CHARS6 \$\$\$\$\$CHARS6 \$\$\$\$\$CHARS6 \$\$\$\$\$CHARS6 \$\$\$\$\$CHARS6 \$\$\$\$\$\$\$\$\$\$\$CHARS6 \$	CONDOCATE COND		

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SATS SYSTEM SERVICE TESTS $SETPRT (SUCC 16-SEP-1984 01:05:39 VAX/VMS Macro V04-00 5-SEP-1984 04:33:54 [UETPSY.SRC]SATSSS82.MAR;1
 SATSSS82
                                                                                                                                                                                                                   18
Symbol table
                                                      000000AF RG
00000000 RG
000001D1 RG
00000521 R
00000522 RG
00000591 R
TM_CLEANUP
TM_SETUP
VERIFY
                                                                               044444
VERIFYX
VFY_CLEANUP
VFY_CLEANUPX
WORD
                                                   = 00000002
WRITE_MSG2
                                                                               04
                                                                                  Psect synopsis !
PSECT name
                                                     Allocation
                                                                                      PSECT No. Attributes
                                                                            0.)
0.)
85.)
                                                                                                                              CON
CON
CON
                                                                                                                                                                                      NOWRT NOVEC BYTE WRT NOVEC BYTE NOWRT NOVEC LONG WRT NOVEC LONG WRT NOVEC BYTE
                                                                                                                                        ABS
ABS
REL
REL
     ABS
                                                     00000000
                                                                                                                     USR
                                                                                                                                                         NOSHR NOEXE NORD
$ABS$
                                                                                      ŎĬ
                                                                                                        NOPIC
                                                     00000000
                                                                                                                     USR
USR
                                                                                                                                                   LCL
                                                                                                                                                         NOSHR
                                                                                                                                                                      EXE
                                                                                                                                                                                RD
                                                                                      02
03
RODATA
                                                     00000055
                                                                                                        NOPIC
                                                                                                                                                         NOSHR NOEXE
                                                                                                                                                   LCL
                                                                                                                                                                                RD
                                                     000001A8
                                                                                                                     USR
RWDATA
                                                                                                        NOPIC
                                                                                                                                                   LCL
                                                                                                                                                         NOSHR NOEXE
                                                                                                                                                                                RD
                                                     00000592
SATSSS82
                                                                                                        NOPIC
                                                                                                                     USR
                                                                                                                               CON
                                                                                                                                                         NOSHR
                                                                                                                                                                      EXE
                                                                             Performance indicators !
Phase
                                                                  CPU Time
                                         Page faults
                                                                                           Elapsed Time
----
                                                                 00:00:00.06
00:00:00.74
00:00:10.97
00:00:01.25
00:00:02.41
00:00:00.10
                                                                                           00:00:00.56
Initialization
                                                                                           00:00:01.92
Command processing
                                                                                           00:00:16.85
Pass 1
                                                                                           00:00:01.41
Symbol table sort
                                                                                          00:00:03.12
Pass 2
Symbol table output
                                                                                           00:00:00.13
                                                                                          00:00:00.03
                                                                  00:00:00.03
Psect synopsis output
                                                                  00:00:00.00
                                                                                           00:00:00.00
Cross-reference output
Assembler run totals
                                                                  00:00:15.57
                                                                                           00:00:24.03
The working set limit was 1350 pages.
59058 bytes (116 pages) of virtual memory were used to buffer the intermediate code.
There were 50 pages of symbol table space allocated to hold 767 non-local and 47 local symbols.
558 source lines were read in Pass 1, producing 24 object records in Pass 2.
39 pages of virtual memory were used to define 30 macros.
                                                                           Macro library statistics !
Macro library name
                                                                          Macros defined
-$255$DUA28:[SHRLIB]UETP.MLB;1
-$255$DUA28:[SYS.OBJ]LIB.MLB;1
-$255$DUA28:[SYSLIB]STARLET.MLB;2
```

1113 GETS were required to define 27 macros.

TOTALS (all libraries)

There were no errors, warnings or information messages.

SATSSS82 VAX-11 Macro Run Statistics

M 10
SATS SYSTEM SERVICE TESTS \$SETPRT (SUCC 16-SEP-1984 01:05:39 VAX/VMS Macro V04-00 Page 19 (1)

MACRO/LIS=LIS\$:SATSSS82/OBJ=OBJ\$:SATSSS82 MSRC\$:SATSSS82/UPDATE=(ENH\$:SATSSS82)+EXECML\$/LIB+SHRLIB\$:UETP/LIB

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